

Amendments to the claims

1-30. (Cancelled).

31. (Currently Amended) A method of treating sewage which reduces nitrogen concentrations in, and the size of, bio gas plants; said method comprising:

separately collecting black water;

selectively performing liquid/solid separation of said black water by membrane filtration; and

performing anaerobic fermentation of solids of said black water.

32. (Currently Amended) A method of utilizing waste waters allowing reduced size of bio gas plants; said method comprising:

separately collecting faecal waste water with urine separation toilets;

selectively performing liquid/solid separation of said faecal waste water by membrane filtration; and

performing anaerobic fermentation of solids of said faecal waste water.

33. (Currently Amended) A method of treating sewage which avoids inhibiting a methanization process and increases the bio gas yield of bio gas plants; said method comprising:

separately collecting faecal waste water with urine separation toilets; and

performing anaerobic fermentation of said faecal waste water.

34. (Currently Amended) A method of utilizing black water; said method comprising:

(a) separately collecting black water from toilets with or without urinals;

(b) selectively performing liquid/solid separation of the black water collected in (a) using membrane filtration;

(c) performing oxidation by microorganisms of a liquid phase obtained in (b);

(d) performing solid/liquid separation of the product obtained in (c);

(e) selectively utilizing the liquid phase obtained in (d) for at least one of:

(i) collecting black water according to (a); and

(ii) as mineral fertilizer;

and

(f) optionally repeating (a) through (e) one or more times.